SUBJECT INDEX

Anisotropic soils

Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

ASCE Publications

Editorial, WW Nov./Dec. 99, p275.

Auto-regressive moving-average model

Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Awards

Editorial, WW Nov./Dec. 99, p275.

Barriers

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Beach nourishment

Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, Magnus Larson, Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293.

Beaches

Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Solitary Waves on a Cretan Beach, J. J. Monaghan and A. Kos, WW May/June 99, p145-154.

Use of Collocated Sensors to Measure Coastal Wave Reflection, David A. Huntley, David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52.

Beds

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Berths

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Boundary conditions

An Improvement to Stokes Nonlinear Theory for Steady Waves, Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39.

Internal Wave-Maker for Navier-Stokes Equations Models, Pengzhi Lin and Philip L.-F. Liu, WW July/Aug. 99, p207-217.

Boundary element method

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Breaking waves

Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

Runup and Rundown of Solitary Waves on Sloping Beaches, Pengzhi Lin, Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255.

Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, Bart T. Grasmeijer and Leo C. van Rijn, WW Mar./Apr. 99, p71-79.

Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, D. L. Kriebel, E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38.

Breakwaters

Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Permanent Displacement of Composite Breakwaters Subject to Wave Impact, Hoe I. Ling, Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8.

Water-Wave Diffraction by Thin Porous Breakwater, P. McIver, WW Mar./Apr. 99, p66-70.

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Bridges

File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Cargo handling

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Caspian Sea

Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Coastal engineering

Extended Linear Refraction-Diffraction Model, Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286.

Coastal environment

Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Coastal processes

Scour under Submarine Pipelines in Waves in Shoaling Conditions, Esin Çevik and Yalçin Yüksel, WW Jan./Feb. 99, p9-19.

Coastal structures

Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Composite structures

Permanent Displacement of Composite Breakwaters Subject to Wave Impact, Hoe I. Ling, Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8.

Computation

File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Computerized simulation

Solitary Waves on a Cretan Beach, J. J. Monaghan and A. Kos, WW May/June 99, p145-154.

Concrete structures

Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Cost estimates

Simple Cost Estimator for Environmental Dredging in the Great Lakes, Paul F. Henshaw, Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246.

Cost savings

Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Culverts

File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Currents

Current Effects on Nonlinear Interactions of Shallow-Water Waves, Qin Chen, Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186.

Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, Bart T. Grasmeijer and Leo C. van Rijn, WW Mar./Apr. 99, p71-79.

Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, D. L. Kriebel, E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38.

Decks

Wave Forces on Decks of Offshore Platforms, R. G. Bea, T. Xu, J. Stear and R. Ramos, WW May/June 99, p136-144.

Deep water

Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Density

Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Temporal Observations of Interfacial Layer between Fluids of Different Density, S. A. Walker and G. A. Hamill, WW Jan./Feb. 99, p20-28.

Design criteria

Reliability Based Earthquake Design Guidelines for Marine Structures, R. G. Bea, WW Sept./Oct. 99, p219-231.

Diffraction

Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Extended Linear Refraction-Diffraction Model, Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286.

Water-Wave Diffraction by Thin Porous Breakwater, P. McIver, WW Mar./Apr. 99, p66-70.

Dispersion relations

Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Displacement

Permanent Displacement of Composite Breakwaters Subject to Wave Impact, Hoe I. Ling, Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8.

Statistical Distribution of Maximum Surface Displacement in Weakly Nonlinear Random Waves, Jin-Bao Song and Yong-Hong Wu, WW Mar./Apr. 99, p59-65.

Dredging

Simple Cost Estimator for Environmental Dredging in the Great Lakes, Paul F. Henshaw, Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246.

Dynamics

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Earthquake engineering

Reliability Based Earthquake Design Guidelines for Marine Structures, R. G. Bea, WW Sept./Oct. 99, p219-231.

Energy dissipation

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Environmental quality

Simple Cost Estimator for Environmental Dredging in the Great Lakes, Paul F. Henshaw, Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246.

Erosion

Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Error analysis
Longshore Sediment Transport Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Estimation
Estimation of Wave Overtopping Rates for Irregular Waves, Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273.

Estuaries
Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Field investigations
Longshore Sediment Transport Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Fills
Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, Magnus Larson, Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293.

Finite element method
Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Floating structures
Reliability of Floating Structures: Extreme Response and Load Factor Design, Steven R. Winterstein, Alok K. Jha and Satyendra Kumar, WW July/Aug. 99, p163-169.

Flow characteristics
Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Fluid dynamics
Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Fluid flow
Temporal Observations of Interfacial Layer between Fluids of Different Density, S. A. Walker and G. A. Hamill, WW Jan./Feb. 99, p20-28.

Fluid-structure interaction
Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Forecasting
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

Fourier transform
Conditional Simulation of Laboratory Waves, R. T. Hudspeth, L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321.

Free surfaces
An Improvement to Stokes Nonlinear Theory for Steady Waves, Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39.

Frequency
Conditional Simulation of Laboratory Waves, R. T. Hudspeth, L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321.

Froude number
Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Fuel costs
Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Grain size
Sediment Transport Velocity by Tracer Experiment at Regla Beach (Spain), Juan J. Muñoz-Perez, Jose M. Gutierrez-Mas, Jose M. Parrado and Luis Moreno, WW Nov./Dec. 99, p332-335.

Gravel
Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

Gravity waves
Current Effects on Nonlinear Interactions of Shallow-Water Waves, Qin Chen, Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186.

Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Great Lakes
Simple Cost Estimator for Environmental Dredging in the Great Lakes, Paul F. Henshaw, Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246.

Groins, structures
Longshore Sediment Transport Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Gulfs
Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Hydraulic models
File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Hydraulics
Simple Cost Estimator for Environmental Dredging in the Great Lakes, Paul F. Henshaw, Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246.

Hydrodynamics
Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Sediment Transport Velocity by Tracer Experiment at Regla Beach (Spain), Juan J. Muñoz-Perez, Jose M. Gutierrez-Mas, Jose M. Parrado and Luis Moreno, WW Nov./Dec. 99, p332-335.

Incipient motion
Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

India
Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. Đ. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Interactions
Current Effects on Nonlinear Interactions of Shallow-Water Waves, Qin Chen, Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186.

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Internal waves
Internal Wave-Maker for Navier-Stokes Equations Models, Pengzhi Lin and Philip L.-F. Liu, WW July/Aug. 99, p207-217.

Kinematics
Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Laboratory tests
Conditional Simulation of Laboratory Waves, R. T. Hudspeth, L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321.

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Wave Forces on Decks of Offshore Platforms, R. G. Bea, T. Xu, J. Stear and R. Ramos, WW May/June 99, p136-144.

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, D. L. Kriebel, E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38.

Liquefaction
Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

Littoral currents
Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Load and resistance factor design
Reliability Based Earthquake Design Guidelines for Marine Structures, R. G. Bea, WW Sept./Oct. 99, p219-231.

Reliability of Floating Structures: Extreme Response and Load Factor Design, Steven R. Winterstein, Alok K. Jha and Satyendra Kumar, WW July/Aug. 99, p163-169.

Locks
Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Measurement
Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Membranes
Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Modeling
Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Monte Carlo method
Estimation of Wave Overtopping Rates for Irregular Waves, Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273.

Navier-Stokes equations
Internal Wave-Maker for Navier-Stokes Equations Models, Pengzhi Lin and Philip L.-F. Liu, WW July/Aug. 99, p207-217.

Network analysis
File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Neural networks
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Numerical analysis
Estimation of Wave Overtopping Rates for Irregular Waves, Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273.

An Improvement to Stokes Nonlinear Theory for Steady Waves, Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39.

Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Numerical models
Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, Amal C. Phadke and Kwok Fai Cheung, WW Nov./Dec. 99, p294-303.

Runup and Rundown of Solitary Waves on Sloping Beaches, Pengzhi Lin, Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255.

Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Offshore platforms

Reliability Based Earthquake Design Guidelines for Marine Structures, R. G. Bea, WW Sept./Oct. 99, p219-231.

Wave Forces on Decks of Offshore Platforms, R. G. Bea, T. Xu, J. Stear and R. Ramos, WW May/June 99, p136-144.

Offshore structures

Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, D. L. Kriebel, E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38.

Overtopping

Estimation of Wave Overtopping Rates for Irregular Waves, Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273.

Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Performance evaluation

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Pore water pressure

Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Porosity

Water-Wave Diffraction by Thin Porous Breakwater, P. McIver, WW Mar./Apr. 99, p66-70.

Porous materials

Water-Wave Diffraction by Thin Porous Breakwater, P. McIver, WW Mar./Apr. 99, p66-70.

Porous media

Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Profiles

Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, Magnus Larson, Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293.

Propellers

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Quays

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Queueing

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Random waves

Random Wave Measurements in Front of Reflective Structures, Gert Klopman and Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45.

Statistical Distribution of Maximum Surface Displacement in Weakly Nonlinear Random Waves, Jin-Bao Song and Yong-Hong Wu, WW Mar./Apr. 99, p59-65.

Refraction

Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Extended Linear Refraction-Diffraction Model, Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286.

Reliability

Reliability Based Earthquake Design Guidelines for Marine Structures, R. G. Bea, WW Sept./Oct. 99, p219-231.

Reliability of Floating Structures: Extreme Response and Load Factor Design, Steven R. Winterstein, Alok K. Jha and Satyendra Kumar, WW July/Aug. 99, p163-169.

Safety factors

Permanent Displacement of Composite Breakwaters Subject to Wave Impact, Hoe I. Ling, Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8.

Salt water-freshwater interfaces

Temporal Observations of Interfacial Layer between Fluids of Different Density, S. A. Walker and G. A. Hamill, WW Jan./Feb. 99, p20-28.

Sand

Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, Bart T. Grasmeijer and Leo C. van Rijn, WW Mar./Apr. 99, p71-79.

Sandbars

Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, Bart T. Grasmeijer and Leo C. van Rijn, WW Mar./Apr. 99, p71-79.

Scour

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Scour under Submarine Pipelines in Waves in Shoaling Conditions, Esin Çevik and Yalçin Yüksel, WW Jan./Feb. 99, p9-19.

Sea floor

Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Sea level

Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Sediment transport

Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35.

Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Longshore Sediment Transport Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Sediment Transport Velocity by Tracer Experiment at Regla Beach (Spain), Juan J. Muñoz-Perez, Jose M. Gutierrez-Mas, Jose M. Parrado and Luis Moreno, WW Nov./Dec. 99, p332-335.

Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, Bart T. Grasmeijer and Leo C. van Rijn, WW Mar./Apr. 99, p71-79.

Sensors

Use of Collocated Sensors to Measure Coastal Wave Reflection, David A. Huntley, David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52.

Shallow water

Current Effects on Nonlinear Interactions of Shallow-Water Waves, Qin Chen, Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186.

Ships

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Shoaling

Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Scour under Submarine Pipelines in Waves in Shoaling Conditions, Esin Çevik and Yalçin Yüksel, WW Jan./Feb. 99, p9-19.

Shoreline changes

Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Longshore Sediment Transport Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Simulation

Conditional Simulation of Laboratory Waves, R. T. Hudspeth, L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321.

Extended Linear Refraction-Diffraction Model, Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286.

Internal Wave-Maker for Navier-Stokes Equations Models, Pengzhi Lin and Philip L.-F. Liu, WW July/Aug. 99, p207-217.

Use of Collocated Sensors to Measure Coastal Wave Reflection, David A. Huntley, David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52.

Solitary wave

Runup and Rundown of Solitary Waves on Sloping Beaches, Pengzhi Lin, Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255.

Solitary Waves on a Cretan Beach, J. J. Monaghan and A. Kos, WW May/June 99, p145-154.

Spar buoys

Reliability of Floating Structures: Extreme Response and Load Factor Design, Steven R. Winterstein, Alok K. Jha and Satyendra Kumar, WW July/Aug. 99, p163-169.

Spatial analysis

Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, Magnus Larson, Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293.

Speed control

Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Statistical distributions

Statistical Distribution of Maximum Surface Displacement in Weakly Nonlinear Random Waves, Jin-Bao Song and Yong-Hong Wu, WW Mar./Apr. 99, p59-65.

Steady flow

An Improvement to Stokes Nonlinear Theory for Steady Waves, Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39.

Stratified flow

Temporal Observations of Interfacial Layer between Fluids of Different Density, S. A. Walker and G. A. Hamill, WW Jan./Feb. 99, p20-28.

Structural response

Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Submarine pipelines

Scour under Submarine Pipelines in Waves in Shoaling Conditions, Esin Çevik and Yalçin Yüksel, WW Jan./Feb. 99, p9-19.

Surf zone

Longshore Sediment Transpolt Rate Measured by Short-Term Impoundment, Ping Wang and Nicholas C. Kraus, WW May/June 99, p118-126.

Surface waves

Statistical Distribution of Maximum Surface Displacement in Weakly Nonlinear Random Waves, Jin-Bao Song and Yong-Hong Wu, WW Mar./Apr. 99, p59-65.

Terminal facilities

Anchorage-Ship-Berth Link as Multiple Server Queuing System, Djordje N. Zrnić, Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240.

Three-dimensional analysis
Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Three-dimensional models
Numerical Investigation of an Estuarine Front and Its Associated Eddy, J. Shen and A. Y. Kuo, WW May/June 99, p127-135.

Runup and Rundown of Solitary Waves on Sloping Beaches, Pengzhi Lin, Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255.

Tidal waters
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Tides
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

File Generation and Interpolation for Tidal Pond Network Analysis, S. David Graber, WW Sept./Oct. 99, p267-270.

Tidal Pond Network Analysis on Cape Cod, S. David Graber and Stanley D. Elkerton, WW Sept./Oct. 99, p256-265.

Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, A. S. Unnikrishnan, A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284.

Time factors
Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, Magnus Larson, Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293.

Time series analysis
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Turbulence
Solitary Waves on a Cretan Beach, J. J. Monaghan and A. Kos, WW May/June 99, p145-154.

Two-dimensional analysis
Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, Claudio Franco and Leopoldo Franco, WW Mar./Apr. 99, p98-108.

Velocity
Sediment Transport Velocity by Tracer Experiment at Regla Beach (Spain), Juan J. Muñoz-Perez, Jose M. Gutierrez-Mas, Jose M. Parrado and Luis Moreno, WW Nov./Dec. 99, p332-335.

Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Wash load
Propeller Wash Scour near Quay Walls, G. A. Hamill, H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175.

Water level fluctuations
Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, Manouchehr Vaziri, WW July/Aug. 97, p158-162.

Water levels
Back-Propagation Neural Network in Tidal-Level Forecasting, Ching-Piao Tsai and Tsong-Lin Lee, WW July/Aug. 99, p195-202.

Water waves
Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Current Effects on Nonlinear Interactions of Shallow-Water Waves, Qin Chen, Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186.

An Improvement to Stokes Nonlinear Theory for Steady Waves, Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39.

Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, Ayman M. Mostafa, Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97.

Scour under Submarine Pipelines in Waves in Shoaling Conditions, Esin Çevik and Yalçin Yüksel, WW Jan./Feb. 99, p9-19.

Water-Wave Diffraction by Thin Porous Breakwater, P. McIver, WW Mar./Apr. 99, p66-70.

Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Waterways
Effects of Speed Control on Tow Travel Costs, Ching-Jung Ting and Paul Schonfeld, WW July/Aug. 99, p203-206.

Wave action
Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Longshore Sediment Transport on Mediterranean Coast of Israel, Alexander Perlin and Eliezer Kit, WW Mar./Apr. 99, p80-87.

Numerical Modeling of Wave Interaction with Porous Structures, Philip L.-F. Liu, Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330.

Wave crest
Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Wave diffraction
Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Wave energy
Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Wave forces
Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, Toshikazu Kitano and Hajime Mase, WW July/Aug. 99, p187-194.

Breaking Wave Forces on Tripod Concrete Structure on Shoal, A. G. Hanssen and A. Tørum, WW Nov./Dec. 99, p304-310.

Internal Wave-Maker for Navier-Stokes Equations Models, Pengzhi Lin and Philip L.-F. Liu, WW July/Aug. 99, p207-217.

Wave Forces on Decks of Offshore Platforms, R. G. Bea, T. Xu, J. Stear and R. Ramos, WW May/June 99, p136-144.

Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, D. L. Kriebel, E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38.

Wave height
Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Random Wave Measurements in Front of Reflective Structures, Gert Klopman and Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45.

Wave measurement
Random Wave Measurements in Front of Reflective Structures, Gert Klopman and Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45.

Wave pressure
Permanent Displacement of Composite Breakwaters Subject to Wave Impact, Hoe I. Ling, Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8.

Use of Collocated Sensors to Measure Coastal Wave Reflection, David A. Huntley, David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52.

Wave reflection
Extended Linear Refraction-Diffraction Model, Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286.

Random Wave Measurements in Front of Reflective Structures, Gert Klopman and Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45.

Use of Collocated Sensors to Measure Coastal Wave Reflection, David A. Huntley, David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52.

Wave refraction
Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

Wave runup
Runup and Rundown of Solitary Waves on Sloping Beaches, Pengzhi Lin, Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255.

Solitary Waves on a Cretan Beach, J. J. Monaghan and A. Kos, WW May/June 99, p145-154.

Wave spectra
Random Wave Measurements in Front of Reflective Structures, Gert Klopman and Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45.

Wave velocity
Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, Ivar G. Jonsson and Cathrine M. Steenberg, WW May/June 99, p109-117.

Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Waves
Conditional Simulation of Laboratory Waves, R. T. Hudspeth, L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321.

Estimation of Wave Overtopping Rates for Irregular Waves, Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273.

Wave Interactions with Vertical Slotted Barrier, Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126.

Wedges
Temporal Observations of Interfacial Layer between Fluids of Different Density, S. A. Walker and G. A. Hamill, WW Jan./Feb. 99, p20-28.

Wind forces
Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6.

Wind waves
Distribution of Extreme Waves Behind a Shoal, Charles L. Vincent and Michael J. Briggs, WW Jan./Feb. 99, p54-56.

AUTHOR INDEX

Basco, David R.
see Chen, Qin, WW July/Aug. 99, p176-186

Bayazit, M.
see Ünal, N. Erdem, WW Jan./Feb. 98, p32-35

Bea, R. G.
Reliability Based Earthquake Design Guidelines for Marine Structures, WW Sept./Oct. 99, p219-231
Wave Forces on Decks of Offshore Platforms, with T. Xu, J. Stear and R. Ramos, WW May/June 99, p136-144

Berek, E. P.
see Kriebel, D. L., WW Jan./Feb. 99, p29-38

Borgman, L. E.
see Hudspeth, R. T., WW Nov./Dec. 99, p311-321

Briggs, Michael J.
see Vincent, Charles L., WW Jan./Feb. 99, p54-56

Cervi, Stephan
see Henshaw, Paul F., WW Sept./Oct. 99, p241-246

Çevik, Esin
Scour under Submarine Pipelines in Waves in Shoaling Conditions, with Yalçin Yüksel, WW Jan./Feb. 99, p9-19

Chakrabarti, S. K.
see Kriebel, D. L., WW Jan./Feb. 99, p29-38

Chandrasekera, Carmela N.
Extended Linear Refraction-Diffraction Model, with Kwok Fai Cheung, WW Sept./Oct. 97, p280-286
disc: Changhoon Lee, WW May/June 99, p156-157
clo: WW May/June 99, p157

Chang, Kuang-An
see Lin, Pengzhi, WW Sept./Oct. 99, p247-255
see Liu, Philip L.-F., WW Nov./Dec. 99, p322-330

Chen, Qin
Current Effects on Nonlinear Interactions of Shallow-Water Waves, with Per A. Madsen and David R. Basco, WW July/Aug. 99, p176-186

Cheng, Alexander H.-D.
see Ling, Hoe I., WW Jan./Feb. 99, p1-8

Cheung, Kwok Fai
see Chandrasekera, Carmela N., WW Sept./Oct. 97, p280-286
see Phadke, Amal C., WW Nov./Dec. 99, p294-303

Dragovio, Branislav M.
see Zrnić, Djordje N., WW Sept./Oct. 99, p232-240

Easson, W. J.
see Skyner, D. J., Hon. F., WW Jan./Feb. 98, p1-6

Elkerton, Stanley D.
see Graber, S. David, WW Sept./Oct. 99, p256-265

Franco, Claudio
Nonbreaking Wave Overtopping of Caisson Breakwaters: Prediction Formulas Based on 2D and 3D Model Tests, with Leopoldo Franco, WW Mar./Apr. 99, p98-108

Franco, Leopoldo
see Franco, Claudio, WW Mar./Apr. 99, p98-108

Gouveia, A. D.
see Unnikrishnan, A. S., WW Nov./Dec. 99, p276-284

Graber, S. David
File Generation and Interpolation for Tidal Pond Network Analysis, WW Sept./Oct. 99, p267-270
Tidal Pond Network Analysis on Cape Cod, with Stanley D. Elkerton, WW Sept./Oct. 99, p256-265

Grasmeijer, Bart T.
Transport of Fine Sands by Currents and Waves. III: Breaking Waves over Barred Profile with Ripples, with Leo C. van Rijn, WW Mar./Apr. 99, p71-79

Gutierrez-Mas, Jose M.
see Muñoz-Perez, Juan J., WW Nov./Dec. 99, p332-335

Hamill, G. A.
Propeller Wash Scour near Quay Walls, with H. T. Johnston and D. P. Stewart, WW July/Aug. 99, p170-175
see Walker, S. A., WW Jan./Feb. 99, p20-28

Hanson, Hans
see Larson, Magnus, WW Nov./Dec. 99, p285-293

Hanssen, A. G.
Breaking Wave Forces on Tripod Concrete Structure on Shoal, with A. Tørum, WW Nov./Dec. 99, p304-310

Hedges, T. S.
disc. (of Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, by D. J. Skyner, Hon. F. and W. J. Easson, WW Jan./Feb. 98, p1-6), WW July/Aug. 99, p217-218

Henshaw, Paul F.
Simple Cost Estimator for Environmental Dredging in the Great Lakes, with Stephan Cervi and J. Alex McCorquodale, WW Sept./Oct. 99, p241-246

Hu, Sau-Lon James
Estimation of Wave Overtopping Rates for Irregular Waves, with James L. McCauley, WW Sept./Oct. 97, p266-273
disc: Reinhard Pohl, WW Sept./Oct. 99, p272-274

Hudspeth, R. T.
Conditional Simulation of Laboratory Waves, with L. E. Borgman and B. Samosorn, WW Nov./Dec. 99, p311-321
disc. (of An Improvement to Stokes Nonlinear Theory for Steady Waves, by Theofanis V. Karambas and Christopher G. Koutitas, WW Jan./Feb. 98, p36-39), WW May/June 99, p157-159

Huntley, David A.
Use of Collocated Sensors to Measure Coastal Wave Reflection, with David Simmonds and Rao Tatavarti, WW Jan./Feb. 99, p46-52

Isaacson, Michael
Wave Interactions with Vertical Slotted Barrier, with Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126
disc: P. McIver, WW May/June 99, p159

Iwata, Koichiro
see Mostafa, Ayman M., WW Mar./Apr. 99, p88-97

Jha, Alok K.
see Winterstein, Steven R., WW July/Aug. 99, p163-169

Johnston, H. T.
see Hamill, G. A., WW July/Aug. 99, p170-175

Jonsson, Ivar G.
Characteristic Velocities for Higher-Order Stokes Waves in Deep Water, with Cathrine M. Steenberg, WW May/June 99, p109-117

Karambas, Theofanis V.
An Improvement to Stokes Nonlinear Theory for Steady Waves, with Christopher G. Koutitas, WW Jan./Feb. 98, p36-39
disc: R. T. Hudspeth, WW May/June 99, p157-159
clo: WW May/June 99, p159

Kawabata, Toshinori
see Ling, Hoe I., WW Jan./Feb. 99, p1-8

Kit, Eliezer
see Perlin, Alexander, WW Mar./Apr. 99, p80-87

Kitano, Toshikazu
Boundary-Layer Theory for Anisotropic Seabed Response to Sea Waves, with Hajime Mase, WW July/Aug. 99, p187-194

Klopman, Gert
Random Wave Measurements in Front of Reflective Structures, with Jentsje W. van der Meer, WW Jan./Feb. 99, p39-45

Kos, A.
see Monaghan, J. J., WW May/June 99, p145-154

Koutitas, Christopher G.
see Karambas, Theofanis V., WW Jan./Feb. 98, p36-39

Kraus, Nicholas C.
see Larson, Magnus, WW Nov./Dec. 99, p285-293
see Wang, Ping, WW May/June 99, p118-126

Kriebel, D. L.
Wave-Current Loading on Shallow Water Caisson: An Evaluation of API Recommended Practice, with E. P. Berek, S. K. Chakrabarti and J. K. Waters, WW Jan./Feb. 99, p29-38

Kumar, Satyendra
see Winterstein, Steven R., WW July/Aug. 99, p163-169

Kuo, A. Y.
see Shen, J., WW May/June 99, p127-135

Larson, Magnus
Short- and Long-Term Responses of Beach Fills Determined by EOF Analysis, with Hans Hanson, Nicholas C. Kraus and Jürgen Newe, WW Nov./Dec. 99, p285-293

Lee, Changhoon
disc. (of Extended Linear Refraction-Diffraction Model, by Carmela N. Chandrasekera and Kwok Fai Cheung, WW Sept./Oct. 97, p280-286), WW May/June 99, p156-157

Lee, Tsong-Lin
see Tsai, Ching-Piao, WW July/Aug. 99, p195-202

Lin, Pengzhi
Internal Wave-Maker for Navier-Stokes Equations Models, with Philip L.-F. Liu, WW July/Aug. 99, p207-217
Runup and Rundown of Solitary Waves on Sloping Beaches, with Kuang-An Chang and Philip L.-F. Liu, WW Sept./Oct. 99, p247-255
see Liu, Philip L.-F., WW Nov./Dec. 99, p322-330

Ling, Hoe I.
Permanent Displacement of Composite Breakwaters Subject to Wave Impact, with Alexander H.-D. Cheng, Yoshiyuki Mohri and Toshinori Kawabata, WW Jan./Feb. 99, p1-8

Liu, Philip L.-F.
Numerical Modeling of Wave Interaction with Porous Structures, with Pengzhi Lin, Kuang-An Chang and Tsutomu Sakakiyama, WW Nov./Dec. 99, p322-330
see Lin, Pengzhi, WW July/Aug. 99, p207-217
see Lin, Pengzhi, WW Sept./Oct. 99, p247-255

Madsen, Per A.
see Chen, Qin, WW July/Aug. 99, p176-186

Mase, Hajime
see Kitano, Toshikazu, WW July/Aug. 99, p187-194

McCauley, James L.
see Hu, Sau-Lon James, WW Sept./Oct. 97, p266-273

McCorquodale, J. Alex
see Henshaw, Paul F., WW Sept./Oct. 99, p241-246

McIver, P.
Water-Wave Diffraction by Thin Porous Breakwater, WW Mar./Apr. 99, p66-70
disc. (of Wave Interactions with Vertical Slotted Barrier, by Michael Isaacson, Sundarlingam Premasiri and Gang Yang, WW May/June 98, p118-126), WW May/June 99, p159

Mizutani, Norimi
see Mostafa, Ayman M., WW Mar./Apr. 99, p88-97

Mohri, Yoshiyuki
see Ling, Hoe I., WW Jan./Feb. 99, p1-8

Monaghan, J. J.
Solitary Waves on a Cretan Beach, with A. Kos, WW May/June 99, p145-154

Moreno, Luis
see Muñoz-Perez, Juan J., WW Nov./Dec. 99, p332-335

Mostafa, Ayman M.
Nonlinear Wave, Composite Breakwater, and Seabed Dynamic Interaction, with Norimi Mizutani and Koichiro Iwata, WW Mar./Apr. 99, p88-97

Muñoz-Perez, Juan J.
Sediment Transport Velocity by Tracer Experiment at Regla Beach (Spain), with Jose M. Gutierrez-Mas, Jose M. Parrado and Luis Moreno, WW Nov./Dec. 99, p332-335

Newe, Jürgen
see Larson, Magnus, WW Nov./Dec. 99, p285-293

Parrado, Jose M.
see Muñoz-Perez, Juan J., WW Nov./Dec. 99, p332-335

Perlin, Alexander
Longshore Sediment Transport on Mediterranean Coast of Israel, with Eliezer Kit, WW Mar./Apr. 99, p80-87

Phadke, Amal C.
Response of Bottom-Mounted Fluid-Filled Membrane in Gravity Waves, with Kwok Fai Cheung, WW Nov./Dec. 99, p294-303

Pohl, Reinhard
disc. (of Estimation of Wave Overtopping Rates for Irregular Waves, by Sau-Lon James Hu and James L. McCauley, WW Sept./Oct. 97, p266-273), WW Sept./Oct. 99, p272-274

Premasiri, Sundarlingam
see Isaacson, Michael, WW May/June 98, p118-126

Radmilović, Zoran R.
see Zrnić, Djordje N., WW Sept./Oct. 99, p232-240

Ramos, R.
see Bea, R. G., WW May/June 99, p136-144

Sakakiyama, Tsutomu
see Liu, Philip L.-F., WW Nov./Dec. 99, p322-330

Samosorn, B.
see Hudspeth, R. T., WW Nov./Dec. 99, p311-321

Schonfeld, Paul
see Ting, Ching-Jung, WW July/Aug. 99, p203-206

Shen, J.
Numerical Investigation of an Estuarine Front and Its Associated Eddy, with A. Y. Kuo, WW May/June 99, p127-135

Simmonds, David
see Huntley, David A., WW Jan./Feb. 99, p46-52

Skyner, D. J., Hon. F.
Wave Kinematics and Surface Parameters of Steep Waves Traveling on Sheared Currents, with W. J. Easson, WW Jan./Feb. 98, p1-6
disc: T. S. Hedges, WW July/Aug. 99, p217-218

Song, Jin-Bao
Statistical Distribution of Maximum Surface Displacement in Weakly Nonlinear Random Waves, with Yong-Hong Wu, WW Mar./Apr. 99, p59-65

Stear, J.
see Bea, R. G., WW May/June 99, p136-144

Steenberg, Cathrine M.
see Jonsson, Ivar G., WW May/June 99, p109-117

Stewart, D. P.
see Hamill, G. A., WW July/Aug. 99, p170-175

Tatavarti, Rao
see Huntley, David A., WW Jan./Feb. 99, p46-52

Ting, Ching-Jung
Effects of Speed Control on Tow Travel Costs, with Paul Schonfeld, WW July/Aug. 99, p203-206

Tomasicchio, Giuseppe R.
disc. (of Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, by N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35), WW Nov./Dec. 99, p337-338

Tørum, A.
see Hanssen, A. G., WW Nov./Dec. 99, p304-310

Tsai, Ching-Piao
Back-Propagation Neural Network in Tidal-Level Forecasting, with Tsong-Lin Lee, WW July/Aug. 99, p195-202

Ünal, N. Erdem
Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, with M. Bayazit, WW Jan./Feb. 98, p32-35
disc: Giuseppe R. Tomasicchio, WW Nov./Dec. 99, p337-338
disc: J. W. van der Meer and E. van Hijum, WW Nov./Dec. 99, p338-339
clo: WW Nov./Dec. 99, p339-340

Unnikrishnan, A. S.
Tidal Regime in Gulf of Kutch, West Coast of India, by 2D Model, with A. D. Gouveia and P. Vethamony, WW Nov./Dec. 99, p276-284

van der Meer, J. W.
disc. (of Incipent Motion of Coarse Particles on a Slope by Regular or Irregular Waves, by N. Erdem Ünal and M. Bayazit, WW Jan./Feb. 98, p32-35) with E. van Hijum, WW Nov./Dec. 99, p338-339

van der Meer, Jentsje W.
see Klopman, Gert, WW Jan./Feb. 99, p39-45

van Hijum, E.
see van der Meer, J. W., (disc), WW Jan./Feb. 98, p32-35

van Rijn, Leo C.
see Grasmeijer, Bart T., WW Mar./Apr. 99, p71-79

Vaziri, Manouchehr
Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, WW July/Aug. 97, p158-162
disc: Todd L. Walton, Jr., WW Jan./Feb. 99, p58

Vethamony, P.
see Unnikrishnan, A. S., WW Nov./Dec. 99, p276-284

Vincent, Charles L.
Distribution of Extreme Waves Behind a Shoal, with Michael J. Briggs, WW Jan./Feb. 99, p54-56

Walker, S. A.
Temporal Observations of Interfacial Layer between Fluids of Different Density, with G. A. Hamill, WW Jan./Feb. 99, p20-28

Walton, Todd L., Jr.
disc. (of Predicting Caspian Sea Surface Water Level by ANN and ARIMA Models, by Manouchehr Vaziri, WW July/Aug. 97, p158-162), WW Jan./Feb. 99, p58

Wang, Ping
Longshore Sediment Transport Rate Measured by Short-Term Impoundment, with Nicholas C. Kraus, WW May/June 99, p118-126

Waters, J. K.
see Kriebel, D. L., WW Jan./Feb. 99, p29-38

Winterstein, Steven R.
Reliability of Floating Structures: Extreme Response and Load Factor Design, with Alok K. Jha and Satyendra Kumar, WW July/Aug. 99, p163-169

Wu, Yong-Hong
see Song, Jin-Bao, WW Mar./Apr. 99, p59-65

Xu, T.
see Bea, R. G., WW May/June 99, p136-144

Yang, Gang
see Isaacson, Michael, WW May/June 98, p118-126

Yüksel, Yalçin
see Çevik, Esin, WW Jan./Feb. 99, p9-19

Zrnić, Djordje N.
Anchorage-Ship-Berth Link as Multiple Server Queuing System, with Branislav M. Dragovio and Zoran R. Radmilović, WW Sept./Oct. 99, p232-240